



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/771,887

02/04/2004

Charles H. Perrone JR.

ZIM0587

3884

43963

7590

07/15/2010

ZIMMER TECHNOLOGY - BAKER & DANIELS
111 EAST WAYNE STREET, SUITE 800
FORT WAYNE, IN 46802

EXAMINER

SCHILLINGER, ANN M

ART UNIT

PAPER NUMBER

3774

MAIL DATE

DELIVERY MODE

07/15/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/771,887	Applicant(s) PERRONE ET AL.	
	Examiner ANN SCHILLINGER	Art Unit 3774	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 March 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3,6,7,10-16,18,19,21,22 and 24-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3,6,7,10-16,18,19,21,22 and 24-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 3774

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 6, 7, 10-12, 15, 16, 18, 19, 21, 22, and 24-26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Evans et al. (US Pat. No. 6,660,039) in view of Keller (US Pub. No. 2004/0186584). Evans et al. discloses the following of the claimed invention: a first tibia base plate (13) comprising an upper surface, a lower surface and an outer perimeter side surface; an insert (28) comprising an upper surface (67), a lower surface and an outer perimeter side surface extending between said upper surface and said lower surface of said insert; a means/connector (18) rotatably connecting said insert to said first tibial plate; the plate and the insert having a first configuration that allows rotation , but no translation (col. 10, lines 31-44); and at least one removable pin (27). Please also see Figures 15, 19, and 22.

Evans et al. discloses the limitations of claims 2 and 18 in col. 11, lines 31-40.

Evans et al. discloses the limitations of claims 3 and 19 in col. 9, lines 62-65.

Evans et al. discloses the limitations of claims 6 and 22 in col. 3, lines 25-35.

Evans et al. discloses the limitations of claims 10 and 24 as shown in Figure 15.

Evans et al. discloses the limitations of claims 11, 12, 25, and 26 as shown in Figures 19 and 22.

Art Unit: 3774

However, Evans et al. does not teach a pin being located flush with the outer perimeter side surface. Keller teaches a knee prosthesis with its pin located on the outer perimeter in paragraph 0007 and claim 6 for the purpose of allowing easier instrument accessibility to the pin's location. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Evans et al. by moving the pin and its opening to the outer perimeter side surface in order to allow an instrument to more easily access the pin.

Claims 13 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Evans et al. in view of Keller, further in view of O'Neil et al. (US Pat. No. 6,306, 172). Evans et al., as modified by Keller, teaches the invention substantially as claimed, however, they do not teach a pin with a projection on it. O'Neil et al. teaches a tibial insert with a pin having a projection in col. 5, lines 21-46 for the purpose of preventing separation between the base plate and the insert. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Evans et al. and Keller by providing the pin with a projection in order to prevent separation between the base plate and the insert.

Claims 14 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Evans et al. in view of Keller, further in view of Hurlburt (US Pat. No. 5,658,344). Evans et al., as modified by Keller, teaches the invention substantially as claimed, however, they do not teach a pin made of metal. Hurlburt teaches a tibial insert with a pin made of metal in col. 6, lines 27-39 for the purpose of utilizing the material's strength. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the device of Evans et al.

Art Unit: 3774

and Keller by making the pin of metal as taught by Hurlburt in order to utilize the material's strength.

Response to Arguments

Applicant's arguments with respect to claims 1-3, 6, 7, 10-16, 18, 19, 21, 22, and 24-28 have been considered but are moot in view of the new interpretation of the Evans et al. reference above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANN SCHILLINGER whose telephone number is (571)272-6652. The examiner can normally be reached on Mon. thru Fri. 9 a.m. to 4 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Isabella can be reached on (571) 272-4749. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Application/Control Number: 10/771,887

Page 5

Art Unit: 3774

/A. S./

Examiner, Art Unit 3774

/DAVID ISABELLA/

Supervisory Patent Examiner, Art Unit 3774